

WHAT IS CLAIMED IS:

5 *Sub a1* 1. An erasable ink for use in a writing instrument, comprising:
a solvent, and
a pigment having a flake-like morphology dispersed in the solvent,
wherein the ink is substantially free of colorants other than said pigment.

2. The ink of claim 1 wherein said pigment is a pearlescent pigment.

10 3. The ink of claim 1 wherein said pigment is selected from the group
consisting of mica flake pigments, graphites, and metal flake pigments.

15 4. The ink of claim 1 wherein said pigment has an average diameter
from about 1 micron to about 25 microns.

5. The ink of claim 1 wherein said ink exhibits an erasability of at
least about 80%.

20 6. The ink of claim 1 wherein said solvent comprises an aqueous
solvent system.

7. The ink of claim 1 wherein said ink has a shear-thinning index of
between about 0.01 and about 0.8.

25 *sub a2* 8. ~~An erasable ink for use in a writing instrument, comprising:
a solvent, and
a flake-like pigment having an average diameter from about 1 micron to
about 25 microns dispersed in the solvent.~~

30 9. The ink of claim 8 wherein said pigment is a pearlescent pigment.

10. The ink of claim 8 wherein said pigment is selected from the group consisting of mica flake pigments, graphites, and metal flake pigments.

5 11. The ink of claim 8 wherein said ink exhibits an erasability of at least about 80%.

12. The ink of claim 8 wherein said solvent comprises an aqueous solvent system.

10 13. The ink of claim 8 wherein said ink has a shear-thinning index of between about 0.01 and about 0.8.

15 ~~14. An erasable ink for use in a writing instrument, comprising:
a solvent, and
a flake-like pigment having an average thickness of less than about 1
micron dispersed in the solvent.~~

15. The ink of claim 14 wherein said pigment is a pearlescent pigment.

20 16. The ink of claim 14 wherein said pigment is selected from the group consisting of mica flake pigments, graphites, and metal flake pigments.

25 17. The ink of claim 14 wherein said pigment has an average diameter from about 1 micron to about 25 microns.

18. The ink of claim 14 wherein said ink exhibits an erasability of at least about 80%.

30 19. The ink of claim 14 wherein said solvent comprises an aqueous solvent system.

20. The ink of claim 14 wherein said ink has a shear-thinning index of between about 0.01 and about 0.8.

21. A method of forming an erasable marking on a paper substrate, comprising:

making a marking on the substrate with a writing instrument containing an erasable ink comprising a solvent and a pigment having a flake-like morphology dispersed in the solvent, wherein the ink is substantially free of colorants other than said pigment.

22. A method of forming an erasable marking on a paper substrate, comprising:

making a marking on the substrate with a writing instrument containing an erasable ink comprising a solvent and a flake-like pigment having an average diameter from about 1 micron to about 25 microns dispersed in the solvent.

23. A method of forming an erasable marking on a paper substrate, comprising:

making a marking on the substrate with a writing instrument containing an erasable ink comprising a solvent and a flake-like pigment having an average thickness of less than about 1 micron dispersed in the solvent.

24. A writing instrument, comprising:

a reservoir containing an erasable ink comprising a solvent and a pigment having a flake-like morphology dispersed in the solvent, wherein the ink is substantially free of colorants other than said pigment.

25. A writing instrument, comprising:

a reservoir containing an erasable ink comprising a solvent and a flake-like pigment having an average diameter from about 1 micron to about 25 microns dispersed in the solvent.

a reservoir containing an erasable ink comprising a solvent and a flake-like

pigment having an average thickness of less than about 1 micron dispersed in the solvent.

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Abstract